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**MAR 28 2006**

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## **FACSIMILE COVER SHEET**

**DATE:** March 28, 2006

**FILE NO:** AVAN/001112

**TO:** Mail Stop Amendment  
Commissioner for Patents  
Examiner: Dinh D. Chiem  
Group Art: 2883

**FAX NO:** 571-273-8300

**COMPANY:** USPTO

**FROM:** Walter C. Grollitsch

**PAGE(S) with cover:** 8

**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### **RESPONSE TO OFFICE ACTION DATED DECEMBER 28, 2005**

**TITLE:** SYSTEM FOR REDUCING THE ELECTRICAL RETURN LOSS OF  
A LITHIUM NIOBATE TRAVELING WAVE OPTICAL  
MODULATOR WITH LOW CHARACTERISTIC IMPEDANCE

**U.S. SERIAL NO.:** 10/799,051

**CUSTOMER NO.:** 47389

**FILING DATE:** March 11, 2004

**INVENTOR:** Giovanni Gilardi, et al.

**EXAMINER:** Dinh D. Chiem

**GROUP ART UNIT:** 2883

**CONFIRMATION NO.:** 6732

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MAR 28 2006

PATENT  
Atty. Dkt. No. AVAN/001112

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
Giovanni Gilardi, et al.	§	
	§	Group Art Unit: 2883
Serial No.: 10/799,051	§	
	§	
Confirmation No.: 6732	§	Examiner: Dinh D. Chiem
	§	
Filed: March 11, 2004	§	
	§	Customer No. 47,389
For: System For Reducing The	§	
Electrical Return Loss Of A	§	
Lithium Niobate Traveling	§	
Wave Optical Modulator With	§	
Low Characteristic Impedance	§	

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8	
I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on <u>28 March 2006</u>	
<u>Walter C. Grollisch</u>	
Signature	
Typed or Printed Name	
<u>48,678</u>	<u>(713) 623-4844</u>
Registration No., if applicable	Telephone Number

## RESPONSE TO OFFICE ACTION DATED DECEMBER 28, 2005

In response to the Office Action dated December 28, 2005, having a shortened statutory period for response set to expire on March 28, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/001112/WCG for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 5 of this paper.